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Tables of Contents of Three Issues of the Bimonthly
'Astronomicheskii Zhurnal' (Sep 1948-Feb' 1949)

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SECURITY INFORMATION

TABLES OF CONTENTS OF THREE ISSUES OF THE BIMONTHLY
'ASTRONOMICHESKIY ZHURNAL' (Sep' 48 - Feb' 49).

1. Astronomicheskiy Zhurnal, Volume XXV, No 5, (Sep/Oct 1948)

- S. V. Orlov. "In Defense of a New Classification of Cometary Forms"
- S. B. Pilel'ner and O. N. Metropol'skaya. "The Charge of a Comet Tail and Its Influence on the Tail's Velocity of Expansion" [18/49T96]*
- P. P. Parengago. "The Similarity of the Galaxy with the Andromeda Nebula"
- M. S. Egvenson. "The Nature of Galactic Condensation" [18/49T97]
- T. V. Krat. "Taking into Account the Scattered Light During Photometric Measurements of Solar Formations (Sunspots, Flocculae, etc)"
- T. S. Chernova. "Spatial Distribution of Type-0 Absorption Stars"
- Bibliography: S. A. Shorygin. "Index No 56 of Astronomical Literature" [18/49T98]

2. Astronomicheskiy Zhurnal, Volume XXV, No 6 (Nov/Dec 1948)

- S. K. Vsekhsvyatskiy. "Brightness of 1880-1900 Comets and Certain Peculiarities in the Distribution of the Comets' Absolute Magnitudes"
- S. M. Poloskov. "Light's Pressure Experienced by Comets' Molecules, and the Stratification (Separation) of Molecules in Comets' Atmospheres" [56/49T17]
- V. S. Safronov. "Computing the Absorption of Light from Stars of Various Temperatures"
- L. N. Radlova and O. V. Katts. "Photographic Stellar Magnitudes of Wolf-Rayet Stars"
- A. D. Dubyago. "Secular Acceleration of the Motion of Periodic Comets"
- I. G. Kolchinskiy. "Influence of the Light of Stars on Refraction"
- Bibliography: S. A. Shorygin. "Index No 57 of Astronomical Literature" [56/49T18]

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3. Astronomicheskii Zhurnal, Volume XXVI, No 1 (Jan/Feb 1949)

Greetings to Academician V. G. Fesenkov

V. A. Ambartsumyan. "Stellar Associations"

I. S. Shklovskiy. "Monochromatic Radiowave Radiation of the Galaxy and the Possibility of its Observation"

E. R. Mustel'. "Interpreting the Variations in Form of the Emission Contours of the Spectrum of η Aql 1918" [30/49T88]

V. V. Sobolev. "The Distribution of Brightness Over a Star's Disk"

S. M. Kozik. "General Aspect of the 11-year Cycle of the Sun's Sunspot Activity" [30/49T86]

A. A. Mikhaylov. "Problem of Determining the Constants of Aberration, Nutation and Precession by Way of the Photography of the Sky's Polar Region"

K. A. Kulikov. "Determining the Aberration Constant According to Observations on the Great Pulkovo Zenith-Telescope"

I. G. Kolchinskiy. "Two Methods for Determining the Atmospheric Dispersion" [30/49T80]

A. A. Eatyrev. "Concerning the Forms of the Trajectories in the Two-Body Problem in the Case of Variable Masses"

Bibliography: S. A. Shorygin. "Annotated Index No 58 of Astronomical Literature"

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